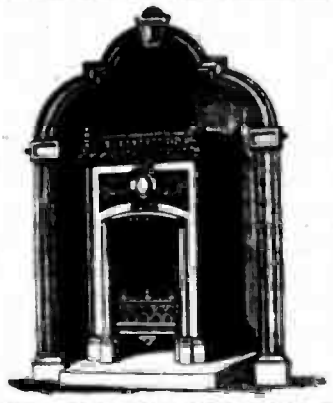


IMPORTANT IMPROVEMENTS IN WARMING AND VENTILATING

CHURCHES, CHAPELS, INFANT AND OTHER SCHOOLS, PUBLIC BUILDINGS, PRIVATE DWELLINGS, &c. &c.

PIERCE'S PATENT PYRO-PNEUMATIC STOVE GRATE

Is SELF-ACTING, and combines SUMMER WARMTH, PERFECT VENTILATION, SIMPLICITY OF ARRANGEMENT, NOVELTY OF PRINCIPLE, and ELEGANCE OF DESIGN, which, with great ECONOMY IN USE, renders this GRATE suitable for any situation where a POWERFUL DEGREE of WARMTH and the CHEERFUL OPEN FIRE are desirable.

PIERCE having at length succeeded in producing that long-sought desideratum—a HEALTHFUL AND SALUBRIOUS atmosphere, such as is felt on a pleasant summer's day, which can, by means of this his Patent Pyro-Pneumatic Stove Grate, be enjoyed during the most dull and dreary of our winter months. The above invention is especially adapted for warming churches, infant and other schools, railway offices, entrance halls, booking houses, &c., &c., or any situation where warmth and purity of air are desirable.

IT MAY BE SEEN IN DAILY USE AT THE PATENTEE'S MANUFACTORY, 5, JERMYN-STREET, REGENT-STREET;

Also at the POLYTECHNIC INSTITUTION; the UNIVERSITY HALL, GORDON-SQUARE; the new OSTRICH and GIRAFFE HOUSES of the ZOOLOGICAL SOCIETY, REGENT'S-PARK; the large MODEL ROOM of the SOCIETY OF ARTS, JOHN-STREET, ADELPHI, where, after a lengthened trial of it in daily use, the Council awarded their large Silver Medal for the invention.

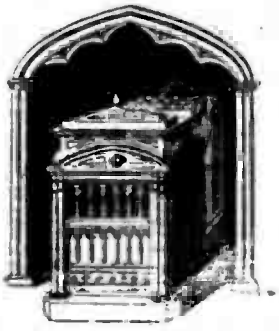
PIERCE'S PRACTICAL EXPERIENCE (of upwards of thirty years), during the whole of which time he has been actively engaged in WARMING and VENTILATING PUBLIC BUILDINGS and PRIVATE MANSIONS of all descriptions by his Improved Method of HEATING with HOT WATER; also his ECONOMICAL RADIATING STOVE GRATES, which are elegant and effective, enable him to recommend the PYRO-PNEUMATIC GRATE with the utmost confidence,—the Air breathed from which has all the FRESHNESS and PURITY of the EXTERNAL ATMOSPHERE, and consequently its action meets the want, which has so long been felt, of rooms ventilated whereby the healths of all, both rich and poor, might be alike rendered healthful.

PIERCE'S MANUFACTORY AND SHOW-ROOMS, 5, JERMYN-STREET.

Where innumerable Testimonials and References can be given.

N.B. THE TRADE SUPPLIED, AND A LIBERAL DISCOUNT ALLOWED.

FOR CHURCHES, CHAPELS, SCHOOLS, WAREHOUSES, PRIVATE DWELLINGS, &c. &c.



MOTT'S PATENT STOVES,

After Twenty Years' Trial, still maintain their decided superiority. They give twice as much heat as any other stove, with a smaller consumption of fuel; they burn for eight or ten hours without replenishing; they do not generate offensive and dangerous gases; and they have, when lighted, a very

BRILLIANT AND CHEERFUL APPEARANCE FROM THEIR TRANSPARENT FRONTS.

By the addition of a Boiler and Hot-Water Pipes, they may be made to heat, at the same time, Distant Apartments, Conservatories, &c. They are made in various sizes and patterns, and the PRICES have recently been GREATLY REDUCED.

A STOVE AT TWELVE GUINEAS, AS SHEWN AT SIDE, WILL WARM A SMALL CHURCH.

Two or three hundred references can be furnished on application; only a few can be mentioned here, viz.:—

St. Saviour's Church, Southwark.	The Pantheon, Oxford-street.	Mr. Gilbertson, Ludgate-hill.
Christ Church, Westminster.	National Debt Office, Old Jewry.	Messrs. Perkins and Bacon, Fleet-street.
Trinity Church, Bromptca.	Picture Gallery, Knightsbridge Gate	Messrs. Ridgway and Co., King William-street.
Old St. Pancras Church.	Cosmo Exhibitions.	St. Pancras National Schools,
Christ Church, Hoxton.	Religious Tract Society, St. Paul's Churchyard.	Finsbury Charity Schools.
St. Vedast's, Foster-lane.	Mr. Parker, West Strand.	Stepney Grammar School, &c. &c.
Portman Chapel, Baker-street.		

J. L. BENHAM AND SONS, 19, WIGMORE-STREET, CAVENDISH-SQUARE, PATENTEES.

N.B. Also, a Large Stock of Arnott's, Crosby's, Chanter's, Chesterman's, Joyce's, Walker's, Chunk, Suspension, and other Patent Stoves.

DRAWING-ROOM STOVES and FENDERS, by the actual Manufacturer. HARRIS WATSON, 19, Wilmot-street, Pimlico-square, who has constantly on view the largest assortment in London, in porcelain, burnished steel and ormolu, suited to every description of buildings, from the cottage to the mansion; also Manufacturer of the Improved Kitchen Range, with wrought-iron oven and open fire, acknowledged to be the best cooking apparatus at present in use.

SYLVESTER'S GRATES.—These Grates do not now require either description or recommendation, their unequalled comfort and economy in fuel having been tested, with perfect satisfaction, by numbers of the nobility and first families in the kingdom.

The improvements recently patented do away with the necessity of an ashes-pit, and obviate all difficulty in fixing. They are made in every style of elevation, from the specimen exhibited by the Society of Arts in London in 1846, and in the Birmingham Exposition of this year, down to the most inexpensive form for a bed-room.

May be had from the Manufacturers, through the Ironmongers generally in town and country.

TO ARCHITECTS AND BUILDERS.

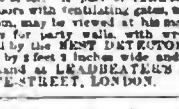
CHUBB'S WROUGHT-IRON and FIRE-PROOF DOORS and FRAMES for strong Rooms. A large stock of the above, of all sizes, made in the best manner, and of different strengths, fitted with CHUBB'S PATENT DETECTOR LOCKS, throwing from two to twenty bolts, can readily be obtained on application, at very moderate prices. FIRE-PROOF SAFES of every size, and Patent Detector Locks and Latches for all purposes.—C. CHUBB and SON, sole Manufacturers, 57, St. Paul's Churchyard, London.

LEADBEATER, FIRE PROOF SAFE AND DETECTOR LOCK MANUFACTURER TO HER MAJESTY'S BOARD OF ORDNANCE.

CAUTION to Purchasers of FIRE-PROOF DOORS for Strong Rooms, Safes, Chests, and Detector Locks, &c. &c. LEADBEATER, many years manufacturer for Chubb.

LEADBEATER begs most respectfully to inform Architects, Surveyors, Builders, &c. that he can supply them with IMPROVED DETECTOR LOCKS for universal purposes, STRONG WROUGHT IRON FIRE-PROOF DOORS, SAFES, and CHESTS, &c. on the most improved principles of security against FIRE and THIEVES, without the aid of "expensive machinery," which is employed by some inexperienced makers, but must be paid for; at prices 20 per cent. under any other house in London.

LEADBEATER offers ONE HUNDRED POUNDS reward to any person who can pick his improved detector locks or latches. Some thousands of Leadbeater's strong-room doors and safes have now been put up without a SINGLE COMPLAINT, and fifteen years' practical experience, during which he has adapted every possible improvement to real security, enables him to challenge competition with any house in London. A large assortment of all sizes on sale and made to order. A pair of extra strong wrought-iron fire-proof folding-doors with ventilating gates, made expressly for a banker's strong room, may be viewed at his manufactory. Strong wrought-iron doors for party walls, with wrought-iron rabbited frames, and secured by the PATENT DETRUTON LOCKS in ENGLAND, 6 feet high by 3 feet 3 inches wide and upwards, price 16l. each, always on hand at LEADBEATER'S MANUFACTORY, 148, ALDERSGATE-STREET, LONDON.



By Her Majesty's Royal Letters Patent.

PITTS' PATENT SELF-ADJUSTING LOOSE KNOBS AND LOOSE SPINDLES.

HART and SONS beg to invite the attention of architects, builders, and others, to their new Furniture, invented for PITT'S PATENTED SPINDLES. The knobs are stronger, more durable, and present a neater form, than those in ordinary use, as the spindles, being loose, do not require the objectionable side screw. They are more readily fixed, are suitable for every description of lock now in use, and, as they adjust to doors of different thicknesses, without alteration, are particularly adapted for the country or for exportation.

In addition to an extensive stock of door furniture in china, crystal, amber, and opal glass, buffalo horn, ivory, ebony, brass, &c., on suite, with finger plates, bell-pulls, and levers, new patterns of original design are constantly being added, and an order either to match or pattern supplied very promptly. A simple one, for example, in three days, and a more elaborate one in less than a week.—May be obtained through any ironmonger, or direct from the proprietors and sole manufacturers, HART and SONS' Wholesale Ironmongery, 33, 34, 35, Wych-street, Strand, London.

A list of prices sent on application.

ATKINSON'S CEMENT.—This Cement has hitherto been manufactured in Yorkshire, and, through long detention at sea, has often proved stale and unfit for use on its arrival in London. By the arrangement now made, the Cement will be manufactured in London, and thus presented to consumers in a fresh and genuine state, by the sole Agents, J. B. WHITE and SONS, Millbank-street, Westminster.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in place of wood for skirtings, architraves, and panel mouldings, and for in-door flooring, instead of stone. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where expedition and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster, Patentees of KEENE'S Cement, Licensees of PARIAN Cement.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement but has the advantage over that material of wholly resisting frost. When used as a stucco it does not segregate or turn green in damp situations, and requires no colouring. Employed as an hydraulic mortar for brickwork, it carries four to five measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior connecting power, combined with its eminently hydraulic properties, point it out as the fittest material for building sea and embankment walls, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

Manufactories—J. B. WHITE and SONS, Millbank-street, Westminster, and 36, Keel street, Liverpool.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Patentee.—Messrs. ROBINS, ASPDIN, and Co. request reference to Nos. 206, page 491; and also Nos. 234 and 235, pages 541 and 551 of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel to resist the action of water; it is stronger in its non-aqueous qualities, harder, and more durable than any other description of Cement; it does not vegetate, or efflore, or turn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the action of frost and heat. It is manufactured to set in from five to sixty minutes. For all purposes that Cement is applicable the proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, North Fleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also by their Agent at the Depôt, 1, Beck Gorse, Liverpool.

JOHN'S and Co. PATENT STUCCO CEMENT and PAINT.—GREAT REDUCTION of PRICE.—The Patentees beg to inform the trade and the public generally, that in order to induce a more extended adoption of these excellent materials, and to bring them into direct competition with the inferior articles in common use, they have determined to reduce the price nearly 25 per cent., confidently trusting to a mutually advantageous result. These materials, for their beauty, durability, imperviousness, perfect resistance to frost or heat, and great cheapness, fully justify the confidence reposed in them, as shown by numerous testimonials. For INTERIOR SURFACES this cement possesses the following invaluable properties: having no caustic qualities, it may be painted on or papered within a few days after its application, and a new house may thus be rendered habitable without delay. It never blisters, cracks, or vesicates; very soon becomes as hard as stone, and may be cleaned with a brush and water.—Prospectuses, specimens, and every information connected with its use, price, &c., may be obtained from the sole agent, PHILIP HARE, 28, Steel-yard, Upper Thames-street.

TO PLASTERERS, BUILDERS, &c.

JOHN'S and Co. PATENT PERMANENT STUCCO WASH.—The attention of the trade is requested to this permanent wash, which cannot be equalled in its properties of beauty and durability for exterior stucco or brick and being a non-absorbent, is admirably adapted for interior surfaces, for railway stations, union workhouses, schools, asylums, barracks, stables, prisons, &c. It will not wash off, may be tinted to any colour, and 1 cwt. will cover 200 yards.—Price 10s. per cwt. Sole agent, PHILIP HARE, 28, Steel-yard, Upper Thames-street.

MARTIN'S PATENT FIRE-PROOF and ORNAMENTAL CEMENT.—REDUCTION of PRICE.—The Patentees beg to inform their Friends and the Public that they have made arrangements which enable them to offer this invaluable cement at a considerably reduced price. It has now been before the public upwards of a year, and has attained so high a standing in the estimation of all who have used it, that it is unnecessary to comment on its merits. The Patentees, however, feel called upon to observe, that by its use—from the greater extension of surface which a given quantity will cover, and the small amount of labour required in working it, a saving of 25 to 30 per cent. is effected as compared with other cements for internal use. Specimens showing its beauty, hardness, and applicability to all plain and ornamental purposes, may be seen; and other Cements in any quantity supplied at the Patentees, Messrs. STEVENS and SON, at the Fire-proof and Cement Works, 126, Drury-lane, London.—Agent for Liverpool.

Mr. GEORGE NEWTON, No. 6, Lawton-street, Bold-street.

BLUE LIAS LIME.—CAUTION.—A Lime is being sold for LIAS, which is made from a stone found in Kent, and does not possess the HYDRAULIC PROPERTIES of LIAS LIME. The only Agents for the sale of GREAVES'S BLUE LIAS LIME and CEMENTS are Messrs. Rusty and Verry, 3, South Wharf, Paddington; Messrs. Gibdish, Pedlar's-acre, Lambeth, and Camden-town; Messrs. Rawlings, Camden-town; Messrs. Rosher and Co., Huddersfield; Mr. J. Thompson, Manchester; Mr. T. Wylie, Liverpool; Mr. J. Harrison, Chester; Mr. J. Bonehill, Birmingham; Mr. T. R. Mycock, Sheffield; Messrs. Lewis, Belfast.

THE PARIAN CEMENT, for INTERNAL STUCCO, which you supplied at Messrs. J. & H. MORLEY'S warehouse and dwelling in Wood-street, Grosham-street, in the City, has been used throughout the premises, in every story; altogether about ten thousand yards superficial, chiefly upon recently built walls, and a small portion upon timber partitions, and that with the most perfect and satisfactory result. I feel it also necessary to observe, that the plasterer's work was almost invariably followed up on the next day by the painters, thereby enabling me to have the buildings complete in the shortest possible time, both for business and for the occupation of the establishment. I am, therefore, of opinion, that the use of this super material has most valuable feature in building operations, and fully justifies that which I was given to understand, viz., that it was an extraordinary material. I think it right to mention that I am at the present time having a great extent of similar work executed at another range of buildings, where time and the quality of the work are of the utmost importance.

(Signed) JNO. WALLEN, Architect, London.

To Messrs. Chas. Francis and Sons, Manufacturers, Nine Elms.

EMERSON'S PATENT LIQUID CEMENT is ready for use, is simple in its application, and only ONE-EIGHTH the cost of oil paint; for beauty it is pre-eminent over all other materials used on the fronts of houses, giving the exact appearance of PINE CUT STONE; can be used at once on fresh Roman cement or other plastering; is particularly calculated for country houses, villas, or gate entrances that have become soiled or dingy, which can be beautified in any weather, at a trifling cost.—Sold in casks, 2 to 30 gallons. Brilliant Black, 3s.; Rich Brown, 3s. 3d. per gallon.

BELLS, LEAD, and Co., No. 16, Bentinck-lane, Cheapside.

3, Ingram-court, Fenchurch-street.

MESSRS. MIALL, MARSHALL, and Co., MANUFACTURERS of ROMAN CEMENT, SUBMARINE BLUE LIAS LIME and CEMENT, and IMPROVED GLAZED STONE WARE TUBULAR DRAIN PIPES, are prepared to supply the above articles of a superior quality, and at reduced prices.

DRAIN PIPES from 2 in. to 24 in. bore.

CLOSET PANS, TRAPS, BENDS, JUNCTIONS, SYPHONS, &c.

Offices—3, Ingram-court, Fenchurch-street, London.

Manufactories { Railside Cement Works, Harrow. Lavender Dock Wharf, Rotherhithe.

Depots— { Three Cranes' Wharf, Upper Thames-street. Driver's Wharf, Chelsea.

Agents for Liverpool—Messrs. Lomax and Co., 12, James-street.

All applications for prices, &c. to be made to Messrs MIALL, MARSHALL, and Co., 3, Ingram-court, Fenchurch-street, London.

TO THE BUILDING PUBLIC.

FIRST-RATE ORNAMENTS in PORTLAND, ROMAN and other CEMENTS, and PLASTER of PARIS, at reasonable prices, consisting of Vases, Balustres, Capitals, perforated Panellings, Cantilevers, Brackets, Trusses, Wreaths, Scrolls, Masques, Heads, Pyrams, Printed Quoins, and other Chimney Shafts, Bustos, Bas-reliefs, Paterns, &c. &c. Centre Flowers from 10 feet diameter downwards. An assortment of Shop-front Trusses always ready for Sale.—HERBERT and SON, Modellers, &c., 62, Parker-street, Drury-lane.

SANITARY IMPROVEMENT.—Pestilential exhalations arising from Gully Holes, Sewers, Drains, Cesspools, &c. are effectually prevented by the use of "BUNNETT'S PATENT SELF-ACTING and SELF-CLEANING EFFLUVIA TRAPS," which are the only really practical means of obtaining that object. Great numbers have now been used in various parts of the kingdom with uniform success. The many highly satisfactory testimonials received by the patentees, with explanatory drawings, prices, &c., may be had (or forwarded by post), at the office, 28, Lombard-street, where the traps may be seen in action.—Sold by the principal ironmongers in town and country.

INVENTORS AND PATENTEES OF SELF-ACTING DOUBLY TRAPPED WATER-CLOSETS.

(A most successful combination of the above principle with other patented improvements).

Messrs. BUNNETT and Co. are willing to contract with the authorities of towns, parishes, public or private works and establishments, on advantageous terms, for making proper arrangements, and putting down their PATENT SELF-ACTING EFFLUVIA TRAPS, with or without syphons, and will guarantee their fully answering the purpose intended, and undertake to keep them in perfect working order for any period.

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